

Title (en)

MINERAL PARTICLE DISPERSIONS STABILIZED WITH A POLY (OXYALKENE) PHOSPHONATE

Title (de)

MINERALPARTIKELDISPERSIONEN MIT STABILISIERUNG DURCH EIN POLY-(OXYALKEN-)PHOSPHONAT

Title (fr)

DISPERSIONS PARTICULAIRES MINERALES STABILISEES AVEC UN POLY(OXYALKENE) PHOSPHONATE

Publication

**EP 1863896 A4 20100505 (EN)**

Application

**EP 06740076 A 20060330**

Priority

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- US 66717605 P 20050331

Abstract (en)

[origin: WO2006105322A2] The instant invention relates to a liquid composition comprising a mixture of: (1) water and/or a polar solvent; (2) a colloidal dispersion of mineral particles; and (3) a phosphonate terminated poly (oxyalkene) polymer; the invention also relates to process for stabilizing aqueous and/or solvent-based dispersions of mineral particles comprising the step of adding an efficient stabilising amount of a phosphonate terminated poly (oxyalkene) polymer.

IPC 8 full level

**C09K 23/14** (2022.01); **C11D 3/37** (2006.01); **C09D 5/02** (2006.01); **C09D 7/45** (2018.01); **C09D 7/61** (2018.01); **C09D 7/65** (2018.01); **C09D 17/00** (2006.01); **C09K 23/42** (2022.01)

CPC (source: EP US)

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Citation (search report)

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- See references of WO 2006105322A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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